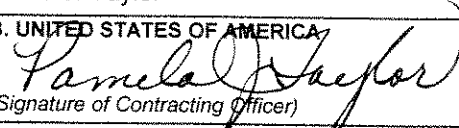


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
ENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
			10B. DATED (SEE ITEM 13): 07-26-01		
CODE:		FACILITY CODE:			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.					
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX					
TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$31,072,016.13					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).				
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to be issued office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
1. The purpose of this modification is to provide incremental funding for the subject contract.					
(Continued on page 2)					
15A. NAME AND TITLED OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
			Pamela J. Taylor		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
Signature of person authorized to sign 7540-01-152-8070		BY  (Signature of Contracting Officer)		12/20/2002	

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$18,128,568.50 By: \$971,312.58 To: \$19,099,881.08

b. The total amount allotted for fee is revised as follows:

From: \$1,055,101.86 By: \$56,531.42 To: \$1,111,633.28

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$10,022,592.34 By: \$240,563.11 To: \$10,263,155.45

b. The total amount allotted for fee is revised as follows:

From: \$583,345.30 By: \$14,001.02 To: \$597,346.32

c. The total amount allotted for payment of cost and fee is as follows:

From: \$29,789,608.00 By: \$1,282,408.13 To: \$31,072,016.13

Total amount of funds obligated per this modification is \$1,282,408.13

The period of performance covered by the allotted funding is 09/01/01 through approximately 02/18/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01117-001A(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$10,000.00	2
200-01117-001B(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$54,844.00	3
200-01117-001C(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$15,000.00	6
200-01117-001D(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$120,000.00	10
200-01117-001E(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$20,000.00	12
200-01117-001F(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$3,000.00	14

Baseline: (Con't)

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01117-001G(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$25,000.00	15
200-01117-001H(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$25,000.00	16
228-01745-000A(1C)	228-029-03-01-02	803/40110(03)	A501	22-2550	\$45,000.00	2
228-01786-000A(1C)	228-029-04-01-02	803/40110(03)	A501	22-2590	\$650,000.00	3
228-01786-000B(1C)	228-029-07-01-01	803/40110(03)	A501	22-2590	\$60,000.00	6

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01117-001A(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$5,000.00	02-02-2003
200-01117-001A(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$5,000.00	02-03-2003
200-01117-001F(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$10,000.00	14-02-2003
200-01117-001G(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$5,000.00	15-02-2003
200-01117-001G(1C)	204-771-51-21-21	802/30110(03)	A585	22-2550	\$5,000.00	15-03-2003
200-01020-000A(1C)	204-771-50-41-23	803/40110(03)	A585	22-2550	\$64,000.00	04-03-2002
200-01021-000A(1C)	204-771-50-96-23	803/40110(03)	A585	22-2550	\$8,000.00	04-03-2002
200-01021-001A(1C)	204-771-50-96-23	802/30110(02)	A585	22-2550	\$10,000.00	04-03-2002
228-01742-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$7,493.00	02-07-2003
228-01742-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$17,057.00	02-10-2003
228-01742-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$7,488.00	02-15-2003
228-01742-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$5,000.00	02-48-2002
228-01744-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$11,796.00	02-14-2003
228-01745-000B(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$6,369.00	02-17-2003
228-01786-000C(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$25,000.00	05-02-2003
228-01786-000C(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$15,000.00	05-04-2003
228-01786-000C(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$10,000.00	05-05-2003
840-11233-000A(1C)	846-622-91-10-01	803/40110	A501	84-2590	\$7,520.00	04-07-2003
840-11233-000A(1C)	846-622-91-10-01	803/40110	A501	84-2590	\$1,000.00	10-03-2003
840-11233-000A(1C)	846-622-91-10-01	803/40110	A501	84-2590	\$22,560.00	11-01-2003
840-11233-000A(1C)	846-622-91-10-01	803/40110	A501	84-2590	\$2,000.00	15-06-2003
840-11242-000A(1C)	846-622-91-10-04	803/40110	A501	84-2590	\$2,500.00	04-25-2003
840-11242-000A(1C)	846-622-91-10-04	803/40110	A501	84-2590	\$1,600.00	10-04-2003
840-11242-000A(1C)	846-622-91-10-04	803/40110	A501	84-2590	\$500.00	15-09-2003

DEOBLIGATE:**IDIQ:**

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW&TO</u>	<u>MOD</u>
810-60703-000A(2P)	810-344-96-00-02	802/30110(02)	A501	84-2590	\$318.87	04-02-2003	37

4. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 50		3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	1. CONTRACT ID CODE	PAGE(S) 1 of 3
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			5. PROJECT NO. (If applicable)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			7. ADMINISTERED BY (If other than Item 6)		
CODE: FACILITY CODE:			9A. AMENDMENT OF SOLICITATION NO.		
			9b. DATED (SEE ITEM 11)		
			10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080		
			10B. DATED (SEE ITEM 13): 07-26-01		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX
 TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$31,788,783.13

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
 IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)
E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.	
1. The purpose of this modification is to provide incremental funding for the subject contract.	

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (S. of person authorized to sign) SN -01-152-8070	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>Pamela J. Taylor</i> (Signature of Contracting Officer)	16C. DATE SIGNED 16 Jan 2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,099,881.08 By: \$582,120.00 To: \$19,682,001.08

b. The total amount allotted for fee is revised as follows:

From: \$1,111,633.28 By: \$33,880.00 To: \$1,145,513.28

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$10,263,155.45 By: \$95,224.81 To: \$10,358,380.26

b. The total amount allotted for fee is revised as follows:

From: \$597,346.32 By: \$5,542.19 To: \$602,888.51

c. The total amount allotted for payment of cost and fee is as follows:

From: \$31,072,016.13 By: \$716,767.00 To: \$31,788,783.13

Total amount of funds obligated per this modification is \$716,767.00

The period of performance covered by the allotted funding is 09/01/01 through approximately 02/27/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-01745-000D(1C)	228-029-03-01-02	803/40110(03)	A501	22-2550	\$45,000.00	2
228-01786-000D(1C)	205-039-12-03-24	803/40110(03)	A501	20-2590	\$33,000.00	7
228-01786-000E(1C)	205-039-12-03-20	803/40110(03)	A501	20-2590	\$109,000.00	8

Baseline: (Con't)

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-01787-000A(1C)	205-010-06-01-20	803/40110(03)	A501	22-2550	\$67,000.00	9
228-01787-000B(1C)	205-020-09-02-11	803/40110(03)	A501	22-2550	\$172,000.00	10
228-01787-000C(1C)	296-010-03-06-05	803/40110(03)	A501	22-2550	\$20,000.00	12
228-01787-000D(1C)	293-010-07-01-21	803/40110(03)	A501	22-2550	\$20,000.00	14
228-01787-000E(1C)	233-010-04-03-20	803/40110(03)	A501	22-2550	\$150,000.00	15

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-01786-000F(1C)	201-019-08-02-01	803/40110(03)	A501	20-2590	\$25,000.00	14-03-2003
228-01745-000C(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$6,874.00	02-19-2003
228-01746-000B(1C)	228-4994-3-39-01	803/50112(03)		22-2550	\$7,893.00	02-18-2003
546-06364-000A(1C)	820-353-87-01-10	803/40110(03)	A501	82-2590	\$5,000.00	04-29-2003
810-11021-000A(1C)	811-344-96-00-02	803/40110(03)	A501	81-2590	\$14,000.00	04-31-2003
810-11022-000A(1C)	810-879-85-53-02	803/40110(03)	A200	81-2590	\$36,000.00	04-30-2003
972-14872-000A(1C)	970-622-03-44-25	802/30110(02)	A501	97-2550	\$6,000.00	04-34-2003

No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
AMENDMENT/MODIFICATION NO. 51	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:	FACILITY CODE:				

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

() The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers () is extended, () is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the amendment and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$32,103,254.48

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) <u>Unilateral 52.232-22 Limitation of Funds (APR 1984)</u>

E. IMPORTANT: Contractor (X) is not, () is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Pamela J. Taylor</u> (Signature of Contracting Officer)	16C. DATE SIGNED <u>11 Feb 2003</u>
(Signature of person authorized to sign)			

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,682,001.08 By: \$69,712.65 To: \$19,751,713.73

b. The total amount allotted for fee is revised as follows:

From: \$1,145,513.28 By: \$4,057.35 To: \$1,149,570.63

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$10,358,380.26 By: \$227,463.35 To: \$10,585,843.61

b. The total amount allotted for fee is revised as follows:

From: \$602,888.51 By: \$13,238.00 To: \$616,126.51

c. The total amount allotted for payment of cost and fee is as follows:

From: \$31,788,783.13 By: \$314,471.35 To: \$32,103,254.48

Total amount of funds obligated per this modification is \$314,471.35

The period of performance covered by the allotted funding is 09/01/01 through approximately 03/03/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01213-000A(1C)	204-771-50-06-22	803/40110(03)	A200	20-2550	\$ 2,520.00	6
200-01213-000A(1C)	204-771-50-06-22	803/40110(03)	A200	20-2550	\$ 3,250.00	9
05-01320-000A(1C)	205-020-09-02-11	803/40110(03)	A501	20-2590	\$23,000.00	10
28-01751-000A(1C)	228-029-03-01-02	803/40110(03)	A501	22-2550	\$45,000.00	2

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01213-000A(1C)	204-771-50-06-22	803/40110(03)	A200	20-2550	\$ 1,400.00	05-08-2003
205-01321-000A(1C)	205-020-09-02-11	803/40110(03)	A501	20-2590	\$ 20,000.00	10-07-2003
205-01324-000A(1C)	205-020-09-02-11	803/40110(03)	A501	20-2590	\$ 7,689.00	10-06-2003
228-01745-000E(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$ 2,588.00	02-20-2003
228-01749-000A(1C)	228-4868-1-37-01	801/30112(01)		22-2550	\$ 223.65	02-20-2002
228-01749-000B(1C)	228-5351-1-44-01	80X0112(01)		22-2550	\$ 13,327.00	02-22-2002
228-01749-000C(1C)	228-5351-1-44-01	80X0112(01)		22-2550	\$ 722.00	04-14-2002
228-01749-000D(1C)	228-4868-1-37-01	801/30112(01)		22-2550	\$ 746.00	04-32-2002
228-01750-000A(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$ 6,691.00	02-23-2003
228-01752-000A(1C)	802-721-40-01-01	802/30110(02)	A501	22-2590	\$100,000.00	02-21-2003
228-01752-000B(1C)	228-5352-2-30-02	80X0112(02)		22-2590	\$ 92,416.00	02-21-2003
820-11166-000A(1C)	820-353-87-01-10	803/40110(03)	A504	82-2590	\$ 4,500.00	04-36-2003

ACCOUNTING AND APPROPRIATION DATA

DEOBLIGATE:**IDIQ:**

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-51606-000B(2P)	228-9760-1-38-02	801/30112(01)		22-2550	\$ 9,601.30	02-17-2002

5. No other changes to the subject contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 52	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GBX

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$33,424,734.41

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) James L. Mitchell	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 2/14/2003

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$19,751,713.73 By: \$1,109,368.54 To: \$20,861,082.27

b. The total amount allotted for fee is revised as follows:

From: \$1,149,570.63 By: \$64,566.46 To: \$1,214,137.09

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$10,585,843.61 By: \$139,429.96 To: \$10,725,273.57

b. The total amount allotted for fee is revised as follows:

From: \$616,126.51 By: \$8,114.97 To: \$624,241.48

c. The total amount allotted for payment of cost and fee is as follows:

From: \$32,103,254.48 By: \$1,321,479.93 To: \$33,424,734.41

Total amount of funds obligated per this modification is \$1,321,479.93

The period of performance covered by the allotted funding is 09/01/01 through approximately 03/19/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
205-01330-000A(1C)	205-039-12-03-24	803/40110(03)	A501	20-2590	\$ 22,000.00	7
205-01330-000B(1C)	205-039-12-03-20	803/40110(03)	A501	20-2590	\$ 45,000.00	8
205-01330-000C(1C)	205-010-06-01-20	803/40110(03)	A501	20-2590	\$ 55,000.00	9
205-01330-000D(1C)	205-020-09-02-11	803/40110(03)	A501	20-2590	\$100,000.00	10
228-01787-000F(1C)	228-029-04-01-02	803/40110(03)	A501	22-2590	\$325,000.00	3
228-01787-000G(1C)	228-029-07-01-01	803/40110(03)	A501	22-2590	\$ 50,000.00	6
230-01833-001A(1C)	233-010-04-03-20	803/40110(03)	A5-01	23-2590	\$125,000.00	15
233-01833-000A(1C)	233-771-50-76-01	803/40110(03)	A5-01	23-2590	\$ 26,935.00	15
803-10989-000B(1C)	803-029-09-03-01	803/40110(03)	A501	80-2590	\$425,000.00	11

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
205-01334-000A(1C)	205-7132-2-35-19	80X0110(02)	A501	20-2590	\$ 899.00	04-42-2003
228-01752-000C(1C)	228-9760-1-38-05	801/30112(01)		22-2550	\$ 33,096.00	02-14B-2002
228-01753-000A(1C)	228-029-05-01-05	803/40110(03)	A701	22-2540	\$ 25,000.00	04-55-2003
228-01753-000B(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$ 13,836.93	02-12-2002
228-01753-000B(1C)	228-029-03-01-03	803/40110(03)	A501	22-2550	\$ 7,213.00	02-49-2002
228-01787-000H(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$ 25,000.00	05-02-2003
228-01787-000H(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$ 20,000.00	05-04-2003
228-01787-000H(1C)	228-029-04-02-01	803/40110(03)	A501	22-2590	\$ 10,000.00	05-06-2003
546-06365-000A(1C)	820-188-06-40-04	803/40110(03)	A501	82-2590	\$ 12,500.00	04-29-2003

4 . No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 53	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.		
			9b. DATED (SEE ITEM 11)		
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080		
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$35,074,951.03

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$20,861,082.27 By: \$1,160,374.95 To: \$22,021,457.22

b. The total amount allotted for fee is revised as follows:

From: \$1,214,137.09 By: \$67,535.05 To: \$1,281,672.14

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$10,725,273.57 By: \$399,079.75 To: \$11,124,353.32

b. The total amount allotted for fee is revised as follows:

From: \$624,241.48 By: \$23,226.87 To: \$647,468.35

c. The total amount allotted for payment of cost and fee is as follows:

From: \$33,424,734.41 By: \$1,650,216.62 To: \$35,074,951.03

Total amount of funds obligated per this modification is \$1,650,216.62

The period of performance covered by the allotted funding is 09/01/01 through approximately 04/16/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01014-001A(1C)	204-771-50-00-23	803/40110-03	A585	22-2550	\$15,000.00	2
200-01014-001B(1C)					\$275,800.00	3
200-01014-001D(1C)					\$60,000.00	6
200-01014-011E(1C)					\$200,000.00	10
200-01014-001F(1C)					\$20,000.00	12
200-01014-001G(1C)					\$60,000.00	14
200-01014-001H(1C)					\$29,040.00	15
200-01014-001I(1C)					\$30,000.00	16
200-01014-001J(1C)					\$14,200.00	7
200-01028	A(1C) 204-771-51-68-23	803/40110-03	A585	22-2550	\$4,000.00	7

Baseline (continued)

<u>PCN</u>		<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>	
200-01027	A(1C)	204-771-51-63-23	803/40110-03		A585 22-2550	\$4,000.00	7	
200-01119	A(1C)	204-771-51-82-21	803/40110-03		A585 22-2550	\$20,000.00	2	
200-01119	B(1C)						\$15,000.00	6
200-01119	C(1C)						\$234,870.00	10
200-01119	D(1C)					\$40,000.00	14	
200-01119	E(1C)					\$50,000.00	15	
200-01119	F(1C)					\$20,000.00	16	
200-01119	G(1C)					\$3,000.00	7	
200-01026	A(1C)	204-771-51-66-23	803/40110-03		A585 22-2550	\$78,000.00	3	
200-01025	A(1C)	204-771-51-65-23	803/40110-03		A585 22-2550	\$10,000.00	6	
228-01787	J(1C)	238-771-50-03-22	803/40110-03			A200	22-2550	\$15,000.00
7								
290-01914	A(1C)	293-010-07-01-21	803/40110-03		A501 29-2590	\$10,000.00	14	
290-01914	B(1C)	296-010-03-06-05				\$20,000.00	12	

IDIQ:

<u>PCN</u>		<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01014-001A(1C)		204-771-50-00-23	803/40110-03	A585	22-2550	\$20,000.00	2-03-2003
200-01014-001C(1C)						\$13,000.00	5-01-2003
200-01014-001H(1C)						\$22,000.00	15-02-2003
200-01014-001H(1C)						\$ 5,000.00	15-03-2003
200-01023	A(1C)	204-771-51-62-23	803/40110-03	A585	22-2550	\$2,000.00	3-01-2003
200-01119	A(1C)	204-771-51-82-21	803/40110-03	A585	22-2550	\$10,000.00	2-03-2003
200-01119	D(1C)					\$20,000.00	14-02-2003
200-01119	E(1C)					\$20,000.00	15-02-2003
200-01119	E(1C)					\$20,000.00	15-03-2003
200-01024	A(1C)	204-771-51-67-23	803/40110-03	A585	22-2550	\$16,000.00	5-09-2003
228-01758	A(1C)	228-029-05-01-02	803/40110-03	A701	22-2590	\$100,000.00	4-38-2003
228-01752	F(1C)	228-029-05-01-02	803/40110-03	A701	22-2590	\$750.00	15-05-2003
228-01753	C(1C)	228-029-03-01-03	803/40110-03	A501	22-2590	\$1,806.00	2-06-2003
228-01757	B(1C)	228-4999-3-39-01	803/40112-03		22-2550	\$33,884.00	2-27-2003
228-01757	A(1C)	228-5353-2-36-01	802/40112-02		22-2550	\$31,343.00	2-26-2003
228-01752	E(1C)	228-4957-2-39-01	802/40110-02		22-2550	\$14,156.00	2-32A-2002
830-11213	A(1C)	830-436-12-02-01	802/30110-02	A501	83-2590	\$20,261.62	04-26-2003
850-11435	A(1C)	800-721-40-01-25	802/30110-02	A501	85-2590	\$18,500.00	04-38-2003
850-11434	A(1C)	844-622-91-10-01	803/40110-03	A501	85-2590	\$20,000.00	04-38-2003
228-01752	D(1C)	228-4960-2-39-01	802/40112-02		22-2550	\$2,500.00	11-02-2003
201-01267	A(1C)	201-019-08-02-01	803/40110-03	A501	20-2590	\$31,106.00	14-03-2003

4. No other changes to the subject contract are made by issuance of this modification.

J.1 LIST OF ATTACHMENTS (GSFC 52.211-101) (OCT 1988)

The following attachments constitute part of this contract:

Attachment	Description	Date	No. of Pages
J-1	Statement of Work	7/26/01	182
J-2	SOW Appendix	7/26/01	59
J-3	Government Property	NA	18
J-4	Safety & Health Plan	4/19/2002	19
J-5	Wage Determinations (WDs)	5/29/00	8
J-6	IDIQ Pricing Schedule	3/25/2003	10
J-7	Definitions	NA	9
J-8	Contract Work Breakdown Structure	5/21/01	9
J-9	Critical Positions	3/25/2003	5
J-10	Security Classification	NA	2
J-11	Transition Plan	5/21/01	4
J-12	Surveillance Plan	9/25/02	4
	Most current information on the WIIMS at http://wicccserver/wiims/anonymous.html		

(End of Clause)
(End of Section)

Modification 54
March, 2003

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 54	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)	
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164		()	9A. AMENDMENT OF SOLICITATION NO.	
			9b. DATED (SEE ITEM 11)	
		X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
CODE:	FACILITY CODE:		10B. DATED (SEE ITEM 13): 07-26-01	

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$35,074,951.03

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF FAR 52.243-2 Changes – Cost Reimbursable
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [] is not, [X] is required to sign this document and return 3 copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

1. The purpose of this modification is to

- Add the Clause, 1852.223-75, Major Breach of Safety or Security (Feb 2002) by reference in Contract Section H.1. A copy of the full text is included with this modification.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print) <i>Robert Cottman</i>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED 3/28/03
16B. UNITED STATES OF AMERICA BY <i>Pamela J. Taylor</i> (Signature of Contracting Officer)	16C. DATE SIGNED 2 Apr 2003

Block 14 DESCRIPTION (Continued)

- b. Delete Clause H.11, Report of NASA-GSFC Vehicles (GSFC 52.251-90)(Jun 1999).
- c. Section I-9, Clause 52.223-9 Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Aug 2000). This clause had a fill-in required by the Contracting Officer and it was not done at award. The correct fill-in information is added now.

2. The following changes are made to the Statement of Work

a. **SOW 9**

Clarification of SOW wording to accurately reflect medical terminology.

b. **SOW 11**

Clarify response time

c. **J-1 Table of Contents**

Revised to update J-6 rate inclusion

d. **J-6, Labor Rates**

Includes Labor rates for IDIQ task orders through the 10 years of the contract

3. Replacement pages are attached.

4. This change does not increase or decrease the target cost or target fee of the contract.

5. No other changes to the subject contract are made by issuance of this modification.

6. In consideration of the modification agreed herein as complete equitable adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposals for adjustment."

Block 14 DESCRIPTION (Continued)

- b. Delete Clause H.11, Report of NASA-GSFC Vehicles (GSFC 52.251-90)(Jun 1999).
- c. Section I-9, Clause 52.223-9 Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Aug 2000). This clause had a fill-in required by the Contracting Officer and it was not done at award. The correct fill-in information is added now.
- d. Revised Table of Contents to delete H.11

2. The following changes are made to the Statement of Work

a. SOW 9

Clarification of SOW wording to accurately reflect medical terminology.

b. SOW 11

Clarify response time

c. J-1 Table of Contents

Revised to update J-6 rate inclusion

d. J-6, Labor Rates

Includes Labor rates for IDIQ task orders through the 10 years of the contract

3. Replacement pages are attached.

4. This change does not increase or decrease the target cost or target fee of the contract.

5. No other changes to the subject contract are made by issuance of this modification.

6. In consideration of the modification agreed herein as complete equitable adjustment, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the "proposals for adjustment."

Section H of RFP5 122345-8629

SPECIAL CONTRACT REQUIREMENTS

H.1 SECTION H CLAUSES INCORPORATED BY REFERENCE

(1852.208-81) RESTRICTIONS ON PRINTING AND DUPLICATING
(AUG 1993)

(1852.223-70) SAFETY AND HEALTH (MAR 1997)

(1852.242-72) OBSERVANCE OF LEGAL HOLIDAYS (AUG 1992)--
ALTERNATE II (SEP 1989)

(1852.223-75) MAJOR BREACH OF SAFETY OR SECURITY (Feb
2002)

(End of By Reference Section)

H.2 HANDLING OF DATA (GSFC 52.203-90) (JAN 1995)

(a) In the performance of this contract, it is anticipated that the Contractor may have access to, be furnished, or use the following categories of data (which may be technical data, computer software, administrative, management information, or financial, including cost or pricing):

- (1) Data of third parties which the Government has agreed to handle under protective arrangements; and
- (2) Government data, the use and dissemination of which, the Government intends to control.

(b) In order to protect the interests of the Government and the owners, licensors and licensees of such data, the Contractor agrees, with respect to any such third party or Government data that is either marked with a restrictive legend, specifically identified in this contract, or otherwise identified in writing by the Contracting Officer as being subject to this clause, to:

- (1) Use, disclose, and reproduce such data only to the extent necessary to perform the work required under this contract;
- (2) Allow access to such data only to those of its employees that require access for their performance under this contract;
- (3) Preclude access and disclosure of such data outside the Contractor's organization; and

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1852.223-75 Major Breach of Safety or Security.

As prescribed in 1823.7001(d), insert the following clause:

MAJOR BREACH OF SAFETY OR SECURITY

(FEBRUARY 2002)

(a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. Safety is essential to NASA and is a material part of this contract. NASA's safety priority is to protect: (1) the public; (2) astronauts and pilots; (3) the NASA workforce (including contractor employees working on NASA contracts); and (4) high-value equipment and property. A major breach of safety may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of safety must be related directly to the work on the contract. A major breach of safety is an act or omission of the Contractor that consists of an accident, incident, or exposure resulting in a fatality or mission failure; or in damage to equipment or property equal to or greater than \$1 million; or in any "willful" or "repeat" violation cited by the Occupational Safety and Health Administration (OSHA) or by a state agency operating under an OSHA approved plan.

(b) Security is the condition of safeguarding against espionage, sabotage, crime (including computer crime), or attack. A major breach of security may constitute a breach of contract that entitles the Government to exercise any of its rights and remedies applicable to material parts of this contract, including termination for default. A major breach of security may occur on or off Government installations, but must be related directly to the work on the contract. A major breach of security is an act or omission by the Contractor that results in compromise of classified information, illegal technology transfer, workplace violence resulting in criminal conviction, sabotage, compromise or denial of information technology services, equipment or property damage from vandalism greater than \$250,000, or theft greater than \$250,000.

(c) In the event of a major breach of safety or security, the Contractor shall report the breach to the Contracting Officer. If directed by the Contracting Officer, the Contractor shall conduct its own investigation and report the results to the Government. The Contractor shall cooperate with the Government investigation, if conducted.

(End of clause)

9.0 OCCUPATIONAL MEDICINE

9.1 General - Reference and Technical Documents

Introduction: To provide medical service to personnel at any location, there are certain codes, standards, rules, and regulations that are required to be followed in order to ensure professional treatment of all personnel. Adherence to these guidelines also ensures that facilities meet standards necessary to maintain insurance. Examples of some of the codes and regulations that may have to be adhered to are the Joint Commission on Accreditation of Hospital Organizations (JCAHO), American Medical Association (AMA), American with Disabilities Act (ADA), National Fire Protection Association (NFPA), Occupational Safety and Health Administration (OSHA), Commonwealth of Virginia codes, Navy and NASA codes.

Requirement: The Contractor shall be aware of all the codes and regulations that apply to operating a government medical treatment facility and shall maintain a copy of the pertinent codes at the facility at all times. The Contractor shall provide a central location within 45 days of the contract start date for copies of the pertinent regulations and make available to the Contracting Officer for approval. The Contractor shall adhere to all codes and regulations necessary to operate the facility.

Standard: Code regulations are filed on time and meet requirements. All codes and regulations are adhered to.

9.1.1 Government Furnished Equipment (GFE)

Introduction: Located on main base, there is a medical treatment facility that is available for use by both NASA and Navy personnel. The facility has the capability to perform routine medical services, limited emergency medical services, and routine dental services. Both military and civilian personnel stationed at Wallops Flight Facility currently use the medical treatment facility. Since there is a current medical facility in use, there is certain equipment that will be made available to the Contractor that is owned by the government. The government will provide the Contractor a detailed listing of all equipment and supplies

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Standard: The Contractor shall publish the schedule on time in a manner that shall be readily visible (i.e. Navy Plan of the Day/NASA Home Page) to all government personnel.

9.1.3 Staffing

Introduction: At the current time, there are both Navy and NASA personnel that occupy the medical treatment facility. In the past, they operated independent of one another and provided assistance on an as-needed basis. Under this contract, the services are to be combined. The Navy will provide at least two medical personnel for the purpose of assisting in military examinations and maintaining records at the facility. The Contractor shall provide the personnel necessary to complete the medical mission delineated in the remainder of this section of the contract.

Requirement: The medical facility shall be open 5 days a week, Monday through Friday. The Contractor shall provide a physician for a minimum 24 hours per week within normal working hours, 52 weeks/year to meet the demands placed on the medical facility by government personnel. Other designated personnel shall support the facility during normal working hours 5 days a week (Monday through Friday). All personnel shall be properly certified with respect to Virginia, Tri-Care, JCAHO, and government codes/standards.

Standard: Staffing is adequate to meet demands.

9.2 Medical Treatment Facility (MTF)/Emergency Services

9.2.1 Occupational (Category 1)

Introduction: Civil Service and military personnel employed at the Wallops Flight Facility and the Surface Combat Systems Center (SCSC) located at the Wallops Flight Facility are eligible to receive diagnosis and treatment at the MTF. In addition, Contractor personnel may be eligible for medical services based on their contract with the government. Personnel that are injured or become ill during working hours may receive medical services at the MTF that are limited to initial medical evaluation and

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Standard: Treatment and diagnosis is in accordance with community medical standards.

d. Provide training and appropriate forms to employees for occupational injuries or illnesses. The NASA Form 1627b will be completed using the Incident Reporting Information System (IRIS)

Standard: Meets quality, timeliness and documentation requirements.

9.2.2 Non-Occupational

Requirement: The Contractor shall:

a. Provide initial medical evaluation and diagnosis to civil service and military personnel with a non-occupational injury or illness that occurs during normal working hours. The Contractor shall provide treatment for medical conditions in which the individual would not reasonably be expected to seek the attention of a private physician or in order to enable the individual to complete their current work shift prior to consulting with a private physician. The Contractor shall refer the patient to a primary care provider or other medical specialist as needed upon completion of the initial medical evaluation. For medical conditions for which the individual would reasonably be expected to seek the attention of a private physician, the patient may elect: (1) to obtain treatment on a fee-for-service basis from the on-site private practice services provided by the Contractor; or (2) to be referred to a community medical provider.

Standard: Initial treatment and diagnosis is in accordance with community medical standards.

b. Administer medications and referral treatments to all civil service and military personnel subject to approval of the physician/medical director whenever medications are furnished by employee with a prescription from the individual's private physician in order to retain the employee at work.

Additional exams unrelated to requirements of an employee's job such as, but not limited to, FAA exams for private pilots, insurance exams and physical exams for outpatient surgical procedures to be performed at off-site medical institutions may be obtained on a fee-for-service basis from the on-site private practice services provided by the Contractor.

Requirement: The Contractor shall:

a. Perform baseline exams as required for NASA and specified Navy personnel. The Contractor shall administer the exams/physicals in accordance with the current NASA and Navy criteria (to be provided by the Contracting Officer to the Contractor).

Standard: Physicals are performed on schedule and in accordance with the applicable medical standards.

b. Offer partial exams at yearly intervals to Civil Servant employees for the two years between the baseline examination. Partial exams shall be administered in accordance with the current NASA and Navy criteria (to be provided by the government to the Contractor).

Standard: Partial physicals are performed on schedule and in accordance with the applicable medical standards.

NOTE: Additional testing may be administered to NASA personnel at the discretion of the Health Unit physician. Additional tests and/or examinations may be administered more frequently if warranted by medical findings, hazards in the workplace environment, or other job-related conditions and as recommended by the Medical Director.

c. Administer stress tests to NASA personnel to monitor for cardiac problems. Stress tests are offered to all NASA personnel beginning at the age of 44 and every 3 years subsequent. Stress tests shall be conducted in accordance with current NASA guidelines and standards (to be provided to the Contractor).

Standard: Stress tests are performed on schedule and in accordance with the applicable medical standards.

9.3.3 Medical Surveillance

Requirement: The Contractor shall coordinate and perform on an as-needed basis or as required by regulations, medical surveillance with industrial hygiene, radiation, safety, and environmental personnel to assure that employees exposed to on-the-job potential health hazards are included in the Occupational Medicine Program and provide any necessary health examinations. The Contractor shall comply with NASA Policy Directive NPD 1810 Occupational Medicine Program and Navy NAVOSH guidelines with respect to occupational medicine programs.

Standard: Medical surveillance is coordinated, performed on time, and in accordance with the requirements.

9.4 Immunizations

Introduction: Immunizations which are required by local, State, Federal, or international laws or regulations shall be administered to GSFC's WFF personnel on an as-needed basis (e.g., foreign travel). Tetanus, influenza, and other immunizations compatible with good public health and preventative medicine measures shall be administered to Civil Service employees on a voluntary basis.

Immunizations may also be administered to Contractor personnel in accordance with the terms of their contractual arrangement, or when deemed advantageous to the Government, on a voluntary basis. Immunizations shall also be offered to dependents of military personnel to include children.

Requirement: The Contractor shall administer immunizations on an as-needed basis. Immunizations shall be done in accordance with current Centers for Disease Control and Prevention (CDC) standards.

Standard: Immunizations are performed on schedule and in accordance with the applicable medical standards.

c. Properly record legible identification for the appropriate medical provider for all medical documentation maintained in each individual patient medical record. Each entry should include, as a minimum, a clearly legible representation of the provider's full name and medical title accompanied by the legal signature of the provider. No piece of documentation shall be inserted into a patient's medical record without appropriate identification of the medical provider responsible for that entry.

Standard: No instances of inadequate documentation for military medical records and no more than 10 percent occurrences of inadequate documentation for civilian medical records.

d. Maintain the medical records on file unless one of the following has occurred: the civil servant has been transferred to another activity where it is not necessary to maintain a medical record or a civil servant has retired from the government and no longer needs a medical record. Medical records shall be disposed of in accordance with the requirements of NASA Records Retention Schedule (NASA Handbook 1441.1B) and the Department of the Navy protocol.

Standard: Records are transferred or disposed of in accordance with prescribed standards.

e. Maintain the medical records on file unless one of the following has occurred: the military member has been transferred or has left the military service. Medical records shall be transferred in accordance with the requirements of the Department of the Navy protocol.

Standard: Records are transferred in accordance with prescribed standards.

9.6 Health Standards and Certifications

Introduction: As with any medical program, there are certain certifications or requirements for the physician and staff to ensure that personnel are being treated by competent individuals. It is also important for the physician and staff to be medically fit and free of any

(1) Graduation from a medical school approved by the Liaison Committee on Medical Education of the American Medical Association or certification by the Educational Council for Foreign Medical Graduates (ECFMG).

(2) Graduation from a residency-training program in Family Practice approved by the Accreditation Council for Graduate Medical Education or those Canadian training programs approved by the Royal College of Physicians and Surgeons of Canada or other appropriate Canadian medical authority. A minimum of 20 years experience in primary care medicine is an acceptable alternative.

(3) Board certification in Family Practice. A minimum of 20 years experience in primary care medicine is an acceptable alternative.

(4) Board certified to practice Occupational Health. A minimum of 3 years experience in Occupational Health medicine is an acceptable alternative.

Contractor shall provide evidence of certification and/or experience within 5 working days prior to contract start date.

Standard: Evidence is complete and submitted on time.

k. Provide physicians that have a current, valid, unrestricted license from any state. The Contractor is responsible for complying with all applicable State licensing regulations. Contractor shall provide evidence of state licensing within 5 working days prior to contract start date.

Standard: Evidence is complete and submitted on time.

l. Provide physicians with a current Federal (DEA number) narcotics license. Contractor shall provide evidence of certification within 5 working days prior to the contract start date.

Standard: Evidence is complete and submitted on time.

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periodic articles in the GSFC's WFF news media; and (3) disaster medical care. The Contractor may also address other educational topics that are considered to be beneficial to government employees. The Contractor shall provide the Program for government approval within 14 working days of contract start date.

Standard: Program is complete, submitted and performed on time.

b. The Contractor's medical staff shall be required to assist the Safety and Environmental Branch in training programs, or conduct oral presentations on pertinent medical topics. Assistance shall be provided on a monthly basis, as needed.

Standard: Customer satisfaction based on responsiveness, knowledge, and provision of technical aids.

c. To promote health awareness, specific health screening examinations shall be offered to all government employees for disorders such as hypertension, diabetes and glaucoma (as examples). The Contractor shall develop a schedule for the screening exams and submit to the government for approval.

Standard: Screenings are performed in accordance with the approved schedule.

9.7.2 Employee Assistance Program (EAP)

Requirement: The Contractor shall:

a. Staff and manage an Employee Assistance Program (EAP) at WFF. The Contractor shall provide personnel that are capable of handling mental health situations, drug and alcohol abuse situations, etc. as part of the employee assistance program. The EAP shall have personnel with a Master's Degree in an accredited mental health field and have a drug and alcohol assessment expertise. EAP personnel shall be licensed to practice in any state. Contractor shall provide evidence within 5 working days prior to the contract start date of the employee qualifications.

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Standard: X-rays are performed at off-site CO approved facilities.

9.7.4 Medical Supplies and Equipment

Requirement: The Contractor shall:

a. Provide all equipment and supplies (outside of GFE) necessary to support the Occupational Medicine Program and the MTF. This includes any equipment necessary (again, outside of GFE) to maintain Advanced Life Support status for the health clinic at Wallops Flight Facility. The Contractor shall provide to the CO for approval a listing of equipment outside of GFE that shall be used in the health clinic within 10 working days of contract start date and validated annually.

Standard: Listing is complete and submitted on time.

b. Replace any equipment that does not conform with AMA standards or manufacturer's recommendations or that shall provide an unsafe condition when used in treatment of government personnel or emergency situations. The Contractor shall notify the government of problems with government furnished equipment that shall require replacement. The Contractor shall also develop the procedures for taking equipment out of service for maintenance and replacing equipment.

Standard: All equipment shall meet standards indicating it is safe for use.

c. Provide preventive maintenance in accordance with the respective operation maintenance manual on all equipment to avoid significant downtime for any single piece of equipment. If significant downtime of a piece of equipment occurs, the Contractor shall have systems in place to ensure that all emergency response and treatment scenarios can be adequately handled.

Standard: Equipment is maintained according to schedule and no piece of equipment shall be down for more than 24 hours without a backup system in place.

convalescence due to serious illness or injury. Medical evaluations for handicapped employees and consultation to management on issues related to compliance with ADA shall be considered as part of this service. The Contractor shall refer to NASA Management Instruction 3792.1 for additional information.

Standard: These services are provided when needed.

c. The Medical Director shall act as the Drug Control Officer. This individual shall have responsibility (in conjunction with the Navy medical personnel) for the ordering, receiving, storing, maintaining, issuing, and destroying of narcotic and sedative drugs. The Contractor shall comply with applicable federal and state standards, regulations, and law with respect to drug handling.

Standard: Drug Control Officer duties are performed per the requirement.

d. Maintain appropriate hazardous materials emergency treatment and antidote drugs necessary to treat WFF personnel involved in hazardous materials incidents. Medication shall be readily available for treatment of personnel involved in hazardous materials incidents.

Standard: Medications are available as required.

e. Provide special services at times other than normal Health Unit duty hours. (A typical activity requiring non-routine support would be a rocket launch whereby the potential hazards are such that medical and emergency personnel should be on standby status.) Other activities such as special demonstrations, disaster relief (i.e., hurricanes), hazardous operations and emergency situations also fit into this category).

Standard: Special services are provided as needed.

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9.7.7 Industrial Hygiene Program

Introduction: The Goddard Space Flight Center located at Greenbelt, Maryland provides the Industrial Hygiene Program (IHP) to NASA personnel at WFF. This includes fit testing for hearing protection, annual training, fit testing for respirators and providing them, and the safety spectacle program.

Requirement: The Contractor shall be required to interface with and support the Industrial Hygiene Program. Employee medical records shall be updated to reflect all actions by the IHP. For medical records, see Section 9.5. Contractor shall submit a plan within 30 days of contract start date to the contracting officer for approval.

Standard: Plan is complete and submitted on time.

11.0 11.0 EMERGENCY SERVICES (Entire Section Category 3 except as indicated)

11.1 Reference and Technical Documents

Introduction: Emergency services such as fire protection, emergency medical services or other responses are generally based on codes and standards. These codes and standards come from federal, state, local, and independent sources. The principle governing codes are the National Fire Protection Association (NFPA), Commonwealth of Virginia codes, NASA and Navy specific codes and standards.

Requirement: The Contractor shall maintain records of all instructions and codes and shall have them readily available for use by fire protection personnel.

Standard: The Contractor shall comply with all requirements of NFPA, NASA, Navy, and Commonwealth of Virginia codes dealing with Emergency Services.

11.2 Emergency Facilities

Introduction: There are two separate Fire Stations located at the Wallops Island facility. One Fire Station is located on the main base and the other is located on the Island. Because of the distance between the two facilities, it is necessary to provide equipment at each station capable of handling any of the emergency response scenarios. The Government will provide equipment and materials based on the existing equipment inventory at each Fire Station. List of equipment provided will be made available to the Contractor under a separate addendum. Any additional equipment, above and beyond what the Government furnishes, that the Contractor feels is necessary to meet the guidelines of this contract shall be provided by the Contractor. The Government Furnished Equipment shall be maintained and managed in accordance with guidelines established in Section 1.2.5.2 Property Management, and other requirements of this SOW.

Requirement: Contractor shall be maintain and update Government equipment IAW Section 1.2.5.2 Property Management, and other requirements of this SOW.

Standard: At least one engine shall be in-service at each station at all times. At Least one Ambulance will be in-service at all times. Sufficient (NFPA 403) Aircraft Rescue Fire Fighting vehicles shall be in service for all scheduled WFF based aircraft. With the above exceptions, Equipment provided to Contractor must be available for use at least 95% of the time.

11.3 Work Schedule

11.3.1 Routine

Introduction: Emergency response capability is needed on a continuous basis to ensure that personnel are adequately protected in an emergency and damage to property is kept to a minimum. Continuous response will be needed at both the main base and the mainland/island sites.

Requirement:

- a. The Contractor shall provide emergency response services on a 24 hours/day, 7 days/week, 52-weeks/year basis, including all holidays.

Standard: Emergency response services will be provided in accordance with NFPA Standards.

Introduction: Some of the routine tasks that are performed by emergency response personnel (such as fire inspections, flow testing, etc.) requires personnel to be available to handle the routine tasks and any incoming emergencies.

- b. The Contractor shall provide a work schedule that will delineate all of the routine tasks and the timeframe in which he expects his personnel to perform the tasks. The work schedule needs to be approved by the appropriate Government official. If any changes occur with respect to the initial work schedule, the Contractor shall resubmit a revised schedule for approval. The initial work schedule for applicable routine tasks shall be submitted to the CO or authority having jurisdiction for approval no later than 10 days after the contract award.

Standard: All work shall be performed in strict accordance with the schedule to facilitate the Government's inspection of the work.

11.3.2 Shift-work

Introduction: The normal working hours for the Government is between the hours of 1730 hours and 1630 hours for the majority of its personnel. However, between the hours of 1630 hours and 0600 hours there is a small amount of personnel working in certain buildings at the site. Because of the small staff after normal working hours, it should be noted that access to certain offices and buildings may be restricted. In addition, there may be testing or operations that must be performed in the evenings or on weekends to meet customer needs that will prevent routine tasks from being performed. This type of work will supersede any routine tasks that are scheduled by emergency response personnel. It may also require emergency response personnel to provide support for the work to ensure that the job is completed in a safe manner.

Requirement:

- a. The Contractor shall notify Security personnel and the Facility Manager of any routine tasks that need to be performed outside of normal working hours that require entrance to restricted areas.

Standard: The Contractor will notify security and facility personnel at least 24 hours in advance of work for access to restricted areas.

- b. The Contractor shall re-schedule any routine tasks that would interfere with operations after hours on an as-needed basis.

Standard: Re-scheduling of tasks will be completed within 1 hour of notification from the government of after-hours operations. There will be no interruption of government operations as a result of routine tasks of the Contractor.

- c. The Contractor shall provide personnel support as required to complete the mission for government specified after-hours operations.

Standard: the Contractor as directed by the government will provide Personnel.

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11.4 Staffing

Introduction: As previously noted, there are two Fire Stations that need to be properly staffed by the Contractor. Each Fire Station must have the appropriate number of qualified personnel to perform all of the emergency response scenarios that may occur at or near the main base, the mainland and the island. In addition, since Advanced Life Support (ALS) services are required on a continuous basis, Contractor must provide personnel that comply with Commonwealth of Virginia standards with respect to ALS services.

Requirement: The Contractor shall:

- a. Provide sufficient personnel at each Fire Station to support the emergency services requirements of this contract.

Standard: All emergency service personnel will be qualified in accordance with NFPA, OSHA, and Virginia standards.

- b. Ensure that the contract employees assigned to the positions that will be required to provide emergency services to building V10/V20, building V24 and building R30 possess a Secret security clearance as of the first day of the contract.

Standard: Emergency responders have secret security clearance.

11.5 General Reporting Procedures

11.5.1 Routine Activities

(Category 1)

Introduction: The Government needs to be cognizant of the activities of the Contractor and what is being accomplished on a routine basis. The Contractor should be reporting back to the Government on significant actions accomplished on a regular basis. The reports should be easy to read and consistent in format. They need to be completed in a consistent manner to avoid any potential confusion and should be maintained on file by the Contractor.

Requirement:

- a. The Contractor shall develop a report of all significant actions accomplished during the month, maintain a log of these reports, and provide a copy to the appropriate government fire marshal or designated representative.

Standard: The Contractor will provide the report to the Government on a monthly basis. The report log will be made readily available for inspection by the Government.

- b. The Contractor shall maintain the Virginia Fire Incident Reporting system data.

Standard: The Contractor will maintain the data in accordance with Virginia codes.

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11.5.2 Drills/Inspections

Introduction: As part of the fire protection services provided, there will be testing/drills/inspections done by the Contractor on a routine basis. The government will require reports from these actions in order to correct any deficiencies, note any trends, make repairs, etc. to keep the fire protection systems operating properly. These reports need to be easy to read and have consistent formatting. They need to be completed in a consistent manner to avoid any potential confusion and should be maintained on file by the Contractor.

Requirement: The Contractor shall develop and provide reports of tests/drills/inspections upon completion. The Contractor shall provide a central location for all types of reports that will make access easy for both the Government and other emergency response personnel.

Standard: The Contractor will provide reports to the Government within 2 days of completion of inspection/test/drill. All tests/drills/inspections will be documented with a report and maintained in a central location.

11.6 Operations

Requirement: The Contractor shall manage all emergency service operations In Accordance With (IAW) NFPA 1500 and shall document their compliance within the First Quarter of performance and submit an annual status report of actions taken to maintain compliance to the CO.

Standard: The Contractor shall document their compliance with NFPA . Annual status report of actions taken to maintain compliance are documented and distributes to the CO..

11.7 Emergency Response

Introduction: The "Chief" or Senior Officer of Emergency Services shall be the Incident Commander and will be responsible for the safe conduct of all emergency response operations. Emergency response services shall be available 24 hours per day, 7 days per week, including holidays. Due to the separation between the Main base and the Island, Emergency Medical Services and Fire Services shall be provided from locations on the Main base and the Island. The goal is to arrive on-scene within 5 minutes of notification without jeopardizing the safety of the public or the responders.

11.7.1 Emergency Operations Center

Introduction: The Contractor shall establish an Emergency Operations Center that contains the communications and alarm systems supporting this task. During emergencies, this facility will become a clearinghouse for dispatching emergency response services and informing WFF Management of the status of events. Routine work will not be performed at this location during an emergency. The system includes the Base Emergency Number "1333", all emergency services administrative telephones, "bypass" telephones, 2-way radio base stations for dispatch command and operational radio nets and the fire alarm receivers. This location must be constantly attended. Suitable expansions can be utilized as necessary. The communication center shall be capable of dispatching calls at both the island and the

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main base. The Emergency Operations Center shall also be called upon to receive mutual aid calls from the neighboring community. Operating the communication center involves the ability to distinguish the level of emergency involved and which equipment should be dispatched (fire vs. ambulance vs. Hazmat Team).

Requirement:

- a. All calls shall be received at the emergency operations center by a person trained in EOC operations and procedures. The Contractor shall operate the emergency operations center on a 24-hour basis with the capability to quickly and efficiently handle all emergency calls and dispatch the proper equipment. Contractor shall document all alarms, action taken, equipment dispatched, etc. for each incident.

Standard: Calls will be properly dispatched within an average of 2 minutes. The documentation for all alarms will be made readily available for government inspection.

- b. Operating the emergency operations center shall require the Contractor to operate 2-way radios, intercoms, and telephone equipment in order to communicate with emergency response personnel, hospitals, and other emergency services such as local fire departments.

Standard: The Contractor will provide the capability to operate two-way radios, intercoms, etc. in accordance with NFPA standards (NFPA 1001, 1002, 1003 and 1021).

- c. The Contractor shall also perform operator level maintenance on the equipment to ensure proper functioning. The Contractor shall notify the appropriate government official in the event that operator level maintenance is not adequate to maintain or repair the equipment.

Standard: The Contractor will notify the government within 24 hours of problems with equipment that require outside help for maintenance.

- d. The Contractor shall report to appropriate government personnel all utility outages that affect security, safety, and fire alarm systems.

Standard: The Contractor will notify personnel within 10 minutes of utility outage.

- e. The Contractor shall also be required to maintain records and logs pertaining to support requirements and responses to disasters that may require additional support or government personnel to augment the EOC activities.

Standard: The Contractor will provide records and logs that are available for government inspection at any time.

- f. During an emergency response, the Contractor shall prepare and send "Flash Reports." Flash reports provide a quick synopsis to senior management of emergency events that are in-progress.

Standard: The Contractor will provide flash reports in accordance with established guidelines.

11.7.2 Ambulance Calls

Requirement:

- a. The emergency operations center shall dispatch an ambulance upon receipt of a call that requires ambulatory services.

Standard: The Contractor shall provide initial response (ambulance is ready to roll out the door) within an average of 2 minutes from receipt of alarm.

- b. The Contractor shall provide Advanced Life Support ambulance services at the site and the main base with State certified personnel. Approved protocols will be used.

Standard: The Contractor will provide this capability on a 24 hour/7 days-a-week basis in accordance with Virginia EMS Council standards and medical director approved protocols.

- c. The Contractor shall provide the capability to respond to a second call that occurs concurrently with an initial call.

Standard: The Contractor will initiate the response to a second ambulance call within an average of 2 minutes from receipt of alarm.

11.7.3 Fire Calls

Requirement:

- a. The Contractor shall respond to all fire alarms or reports of smoke or fire with the appropriate number of personnel, equipment, and supplies to handle the various types of fire scenarios that could occur. The pre-fire plan will be used for the response, unless initial reports indicate otherwise.

Standard: The Contractor shall provide initial response to fire calls within an average of 2 minutes from receipt of alarm. The Contractor shall provide this capability on a 24 hour/7 days-a-week basis.

- b. The Contractor shall respond to fire calls with the capability of performing rescue operations as needed and have the ability to maneuver quickly through tight quarters in certain buildings at WFF.

Standard: The Contractor shall provide personnel trained for fire fighter II response in accordance with NFPA 1001 standards.

- c. Response to one fire call does not eliminate the need for response to a second call and the Contractor shall have procedures in place to handle a second fire call concurrently with the first.

Standard: Response time to a second fire call will be initiated within an average of 2 minutes from receipt of alarm.

- d. The Contractor shall utilize the Incident Command System to establish control and provide a safe environment for the immediate area of an emergency response scene. The Contractor shall ensure that outside personnel do not become involved in the fire fighting or rescue operations.

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Standard: The Contractor will meet the requirements of NFPA 1500 relating to emergency operations.

e. The Contractor shall remain on the scene until the fire is completely out.

Standard: No Fire Shall Rekindle.

f. The Contractor shall provide clean up operations upon determining fire has been completely extinguished.

Standard: The Contractor will perform clean up in accordance with requirements.

g. The Contractor shall service and inspect all equipment prior to placing back in service.

Standard: The Contractor will replace supplies, equipment, etc. as needed to provide the capability to respond to another call.

11.7.4 Hazardous Material Spills

Requirement:

a. Contractor shall provide the capability for response to all hazardous material (haz-mat) spills or leaks that may occur at Wallops Flight Facility. The Contractor shall maintain knowledge of the hazards on the installation.

Standard: The Contractor shall respond to haz-mat incidents on a 24 hour/7 days-a-week basis.

b. The Contractor shall respond to all hazardous material spills or leaks with the qualified personnel and appropriate equipment. The Contractor shall be required to assess the level of the hazard, the immediate and long-term dangers, and take appropriate course of action for containment of the spill or leak. Incident Command process shall be used. Priorities will be 1.) The protection of life and 2.) Containment of spills and 3.) Cleanup.

Standard: The Contractor will promptly dispatch a response, implement Incident Command and establish control areas IAW the WFF Integrated Contingency Plan and NFPA 1500.

c. The Contractor shall provide clean up for spills or leaks that are less than 120 gallons (2+ barrels). The Contractor shall have the equipment necessary to handle spills of this size or less. For larger spills, the Contractor shall have procedures and equipment in place for containment.

Standard: The Contractor will provide cleanup in accordance with OSHA and EPA guidelines, state codes and Government Direction.

d. The Contractor shall develop emergency response procedures that implement the WFF Integrated Contingency Plan. Copies of these procedures will be maintained at both Fire Stations. The emergency response procedures must contain vital information such as the types of hazards, the location of material safety data sheets, equipment necessary for the hazard to protect the responding personnel, etc.

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Standard: The procedures will be submitted to the Government for approval prior to use.

11.7. 5 Mutual Aid

Requirement: The Government has established Mutual Aid Agreements with local emergency response agencies. The Contractor shall maintain a positive working relationship with these agencies. Mutual aid provides an opportunity to maintain proficiency and foster support for catastrophic events. Mutual aid shall be provided with existing resources if it does not conflict with on-going support efforts. At least one first response team shall remain available to WFF at all times. .

Standard: Mutual aid shall be supported unless WFF emergency services resources are committed to support WFF/Tenant Programs. One response team remains available to WFF at all times. The requester shall be immediately notified of resources to be dispatched or an inability to support.

11.7.6 Disaster Response/Preparedness

Requirement:

- a. In the event of a short notice natural disaster (such as lightning strikes or tornadoes), the Contractor shall provide rescue operations and assist government personnel during the event.

Standard: The Contractor will be prepared to respond to such an event on a 24 hour/7 days-a-week basis.

- b. The Contractor shall develop and maintain a disaster preparedness plan in conjunction with any existing plans that have been developed by the government.

Standard: The Contractor will provide plan for government approval.

- c. The Contractor shall provide support to government personnel in preparation for natural disasters. The Contractor shall also provide post-disaster support/services to assist government personnel in returning to normal operations as soon as possible.

Standard: The Contractor will provide services as tasked by the government on an as needed basis.

11.7.7 Trouble Calls and Security Alarms

Requirement:

- a. The Contractor shall provide direct response to all trouble alarms that occur to determine the source of the trouble alarm. The Contractor shall take steps/measures necessary to correct trouble alarms or contact appropriate personnel to assist in the elimination of the trouble alarm.

Standard: The Contractor will respond to trouble calls. Trouble alarms will be investigated in a non-emergency response mode. Maintenance problems will be referred to maintenance personnel. See Maintenance Section.

- b. The Contractor shall maintain a log of all trouble calls received, action taken, etc. at both the mainland/island and the main base.

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Standard: Trouble calls are to be documented within 1 hour of receipt and filed in the log (which will be readily available for government inspection).

- c. Security Alarms will be dispatched in accordance with procedures established by the Security Office. See Security Services Section.

Standard: All security alarms are promptly and properly dispatched.

11.7.8 Emergency Response Personnel

11.7.8.1 Certification

Requirement: The Contractor shall provide personnel that are certified in their respective areas of responsibility in all emergency response scenarios. There shall be sufficient certified personnel on board to handle all of the emergency response scenarios at each Fire Station.

Standard: Personnel will meet the criteria defined in NFPA for the various job levels (i.e. Firefighter 1, Advanced Life Support, etc.). The Contractor shall document all certifications and make them readily available for government inspection.

11.7.8.2 Training

Requirement: The Contractor shall develop a training schedule and provide documentation to the appropriate government representative (usually the Fire Marshall) on all training conducted and certifications received by emergency response personnel. Copies of all training conducted shall be kept at each Fire Station as well. This will ensure that all personnel are properly trained to handle emergency situations.

Standard: The Contractor will provide the training necessary to meet the requirements of NFPA 1001.

11.7.8.3 Physical Capabilities

Introduction: When dealing with emergency response scenarios, personnel must be capable of meeting the physical qualifications for fire fighting, ambulatory, and rescue operations for WFF. Emergency response scenarios may require personnel to lift large objects, run up and down several flights of stairs (more than once), carry personnel from buildings, etc. all while wearing protective gear including self-contained breathing apparatus.

Requirement:

- a. The Contractor shall demonstrate that all personnel are capable of performing required tasks during emergency response scenarios.

Standard: The Contractor will provide personnel that are capable of meeting NFPA standards.

Introduction: Due to the nature of operations at Wallops Flight Facility, there are several spaces that are limited in access and present problems for rescue in an emergency response. Emergency response personnel are typically outfitted in turnout gear, helmets, heavy boots, and SCBA apparatus that may cause the inability to reach certain places.

- b. The Contractor shall demonstrate that his personnel are capable of navigating through tight quarters in an emergency scenario.

Standard: The Contractor will develop a standard subject to government approval.

- c. The Contractor shall provide a set of standards, which will delineate the physical requirements of personnel, based on their expected role in an emergency response. The Contractor shall also provide a standard measure of physical capability to handle the physical demands of emergency scenarios.

Standard: The Contractor will develop the standards and submit to the government for approval.

- d. The Contractor shall ensure that all personnel meet the standards necessary to perform their duties during an emergency and document whether or not personnel meet the standard.

Standard: The Contractor will provide documentation that personnel meet the physical standards and maintain the documentation at each Fire Station available for government inspection.

- e. The Contractor shall not be involved in outside activities (such as drug and alcohol use) that affect his/her ability to physically perform tasks or mentally perform tasks associated with emergency medical services. In the case of drug and alcohol use, the Contractor shall provide the capability to determine if personnel are involved with either one to the extent that it affects job performance.

Standard: The Contractor will develop the standards and submit to the government for approval.

11.7.9 Other Emergency Services

Introduction: Other emergencies such as confined space rescue, high angle rescue **as required by OSHA**, and water rescues may be required during the duration of this contract.

Requirement: The contractor shall:

- a. Develop an emergency rescue team to respond to all confined space, high angle **as required by OSHA** and water rescues as required.

Standard: Meets quality, timeliness and documentation requirements.

- b. Conduct annual confined space, high angle and water rescue drills **as required by OSHA**.

Standard: Meets OSHA requirements

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11.8 Professional Services

11.8.1 Inspections

11.8.1.1 Areas of Concern

Requirement:

- a. Contractor shall provide routine inspections of all government buildings and document all inspections. The inspections shall focus on the prevention of fires and the preservation of life safety features built into the structures. Fire extinguishers will be inspected monthly, high hazard facilities inspected quarterly and other occupied facilities will be inspected semi-annually.

Standard: Inspections shall comply with NFPA Standard 1 and be conducted in accordance with an agreed upon schedule of inspections.

- b. The Contractor shall provide routine inspections of all fire fighting and emergency response equipment.

Standard: The Contractor will provide inspections of all fire-fighting and emergency response equipment IAW NFPA standards.

11.8.2 Drills/Testing

11.8.2.1 Areas of Concern

Requirement:

- a. The Contractor shall provide routine testing for the different emergency response scenarios for all government buildings on a regular basis.

Standard: The Contractor will provide testing as required by NFPA, OSHA, or government standards.

- b. The Contractor shall provide testing of all fire suppression systems, alarm devices, extinguishers, etc. in all government buildings. The Contractor shall also provide testing of all fire-fighting and emergency response equipment located within government buildings.

Standard: The Contractor will perform testing in accordance with NFPA standards.

11.8.2.2 Fire Drills

Requirement:

- a. The Contractor shall perform fire alarm drills for all routinely occupied government buildings to demonstrate the fire alarm system and egress through exits. The Contractor shall develop a schedule for the drills.

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Standard: The Contractor will perform drills in accordance with NFPA standards. The Contractor will provide the schedule to the government upon its completion for approval.

- b. The Contractor shall provide a report from each drill with information necessary to determine effectiveness of drill (such as total evacuation time, initial response time, etc.) and distribute a copy of the report to the appropriate government personnel.

Standard: The Contractor will generate report and distribute within 2 working days from completion of any drill.

11.8.2.3 Hazardous Materials Spills

Requirement: The Contractor shall perform a HAZMAT response drill on annual basis. The Contractor shall also provide a report from each drill with information necessary to determine effectiveness of drill and distribute a copy of the report to the appropriate government personnel.

Standard: The Contractor will perform the drill in accordance with EPA guidelines.

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11.8.3 Fire Plans

Introduction: The National Fire Protection Association requires that pre-incident planning be done in order to identify what actions are to be taken during an emergency and what methods will be used to ensure the safety of personnel. As part of the pre-incident planning process, it is required that fire plans be developed. These plans will provide personnel in the building with the information necessary to properly evacuate the facility in the event of an emergency.

Requirement: The Contractor shall develop and update pre-fire plans for all WFF Facilities. These Plans shall be available to all response personnel and the Government.

Standard: The Contractor will conform to the guidelines established in NFPA 1620 when developing the fire plans.

11.8.4 Design and Construction

11.8.4.1 Design Review

Introduction: At WFF there is a need to perform either new building construction or major renovations of existing buildings. Whenever new construction or major renovation is done, the Government is provided with a set of plans or drawings that detail the work to be done. Within those plans or drawings, there are comments and information on the fire protection and emergency service features that will be addressed as part of the construction or renovation. The Government has its own qualified representatives to review the plans and ensure that all the appropriate codes and standards are being met. It is necessary for the Contractor to review the plans and participate in the overall design process.

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Requirement:

- a. The Contractor shall be capable of and required to participate in design review conferences for new construction and major renovations.

Standard: The Contractor will participate in all review conferences as tasked by the government.

- b. The Contractor shall be capable of reviewing plans and drawings to ensure that all applicable codes are being met.

Standard: The Contractor will provide comments to appropriate government official when tasked with reviewing plans.

Introduction: The design review process is complicated and often requires comments to plans or drawings to be provided on a short turnaround basis. It is not uncommon for turn around periods of less than a month to occur. It is important that all issues are addressed with respect to the plans.

- c. The Contractor shall provide comments in a timely manner to ensure that the government does not miss any deadlines in the entire design review process.

Standard: The Contractor will coordinate with the Government and provide comments on the plans or drawings within the timeframe specified.

11.8.4.2 Construction

Introduction: During the construction phase of a project, the Government performs several inspections of the work being done to ensure that the design plans and specifications relating to emergency issues are being followed. In areas that involve fire protection or emergency services, the Contractor needs to be involved in the inspection process.

Requirement: Contractor shall be capable of inspecting the construction work and determining if the work is being done according to the plans. The Contractor shall be responsible for notifying the Government of any problems associated with the construction that would hinder the performance of fire protective features.

Standard: The Contractor will participate in the inspection of construction projects as tasked by the government.

11.8.4.3 Acceptance Testing

Introduction: At the completion of construction or renovation, the Government is provided an opportunity to review the work one final time and ensure that all systems operate according to the plans. If all systems operate properly, then the project is accepted by the Government and subsequently turned over to the Government for operational use. During this acceptance phase, the Contractor needs to be present to provide any additional input on the system. Since the Contractor will ultimately be responsible for any of the fire protection features, this is the time for them to get any last bits of information on the operation of any fire protection systems and to ensure that all systems operate properly.

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Requirement: The Contractor shall attend the final acceptance testing on fire protection systems in new construction or major renovation projects conducted by the Government for the purpose of verifying systems functionality and compliance with appropriate codes.

Standard: The Contractor will participate in acceptance testing of all WFF Fire Alarm and Fire Suppression Systems. All deficiencies shall be identified and provided to the Government Inspector prior to acceptance.

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11.8.5 Fire Education

Requirement: The Contractor shall provide training/education to all government personnel on appropriate topics such as CPR training, Basic First Aid, etc. on a regular basis. The Contractor shall also provide training to government personnel on topics that relate to special events such as holidays and develop and conduct training for both in house use and site wide use that is consistent with the current theme of National Fire Prevention Week. Contractor shall be responsible for documenting all training conducted and maintaining records at a central location.

Standard: The Contractor will submit training schedule to government for approval.

11.8.6 Hot Work Permits

Requirement: The Contractor shall manage and issue hot work permits for Wallops Flight Facility. The Contractor shall be responsible for developing the hot work permit format and provide to the government.

Standard: The Contractor will issue permits in accordance with NFPA 51B, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work and government fire protection standards. Hot work permits shall be issued within one hour of request except during emergencies.

11.8.7 Fire Investigation (Category 1)

Requirement: The Contractor shall:

- a. Investigate all fires.

Standard: The Contractor will investigate fires in accordance with NFPA 921, "Guide for Fire and Explosion Investigations", and NPG 8621, "NASA Procedures and Guidelines for Mishap Reporting, Investigating, and Recordkeeping".

- b. Provide a final report on the investigation of each fire incident and maintain a copy of the report at each Fire Station. The Contractor shall provide the appropriate government representative a copy of the report.

Standard: The Contractor will generate a NASA Form 1627 or equivalent Navy report for each investigation.

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11.9 Aircraft/Aircraft Support

Introduction: The airport requires specialized support to maintain safe operation. These support services include Unicom, airfield surveys, wildlife control, standbys, mishap response and other miscellaneous services.

11.9.1 Unicom

Requirement: The Contractor shall provide Unicom services when the control tower is not in service. (The control tower is normally operational on weekdays from 0700 to 1700 hours, excluding legal holidays.) On request from aircraft pilots, the Contractor shall provide the following information:

- Wind direction and velocity (as read from anemometer in Fire Station _ 1).
- Altimeter setting (as read from anemometer in Fire Station _ 1).
- Reported traffic. When requested by pilots, report known aircraft traffic.
- Notice to airman (NOTAMS). Relay NOTAMS as requested by the airport manager, or his/her designated representative. The information given to the requesting aircraft will be transmitted using the following format:

"Aircraft call sign" is advised that the airport control tower is not in service at this time. The following airport information is provided:

- Wind direction and velocity is _____ at _____.
- Altimeter setting is _____.
- Reported traffic is _____ (if none, report 'NO KNOWN TRAFFIC').
- The following NOTAMS are in effect: (if none, disregard this item).

Standard: Unicom services are provided when the Control Tower is not operational.

11.9.2 Airport Surveys

Requirement: The Contractor shall make visual runway inspections at the start and end of each day, nominally at 0730 and 1700 hours daily. If a flight is scheduled prior to the normal inspections, perform an active patrol of the designated runway and associated taxiway prior to the first use of designated runway on each working day. Additionally, the Contractor will make an active patrol of the designated runway and taxiway upon request of the air traffic control specialist, or in his/her absence, the pilot of any aircraft scheduled to depart or land at the WFF. Assures all items of debris or like materials, birds, wildlife, and/or animals, constituting a hazard to aircraft operations are removed from the airport operating surfaces.

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Locate, chart, and report to the Airport Manager, damages to the operating surfaces, such as runways/taxiways, ramps, and roadways. Check all airport lighting systems weekly. Inoperative, damaged, or missing lights will be recorded on the daily log and notification made to the Airport Manager.

Standard: Daily reports of operating surfaces are provided to the Airport Manager and weekly airport lighting systems checks are provided to the Airport Manager.

11.9.3 Airport Runway Wildlife Patrol/Control

Requirement: The Contractor shall conduct routine patrols for the purpose of clearing the runway/taxiway of birds, wildlife, and other hazards to aircraft. Wild life control activities will generally be initiated by the Airport Manager, the Control Tower Operator or Pilots. Methods used to clear the runway/taxiway include, but are not limited to, the sounding of sirens and the flashing of lights on fire protection vehicles, gas cannons, the playing of prerecorded distress sounds, etc. If these measures are ineffective, the use of a 12-gauge shotgun may be required. Some wildlife kills may be required for effective control. The disposal of animal carcasses and other materials will be in accordance with Contractor plans approved by the CO.

Standard: Wildlife control activities are conducted as directed by the Airport Manager or Designee.
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11.9.4 Standby for Scheduled Traffic

Requirement: The Contractor shall operate one standby Aircraft Rescue and Fire Fighting (ARFF) vehicle during all aircraft movement prepared to provide initial emergency response. Provide line services (parking and information) to all visiting NASA administrative aircraft outside of normal operating hours and to other non-NASA official business aircraft when notified by the control tower or authorized airport management personnel.

Standard: One ARFF vehicle is on standby for scheduled landings and take-off.

11.9.5 Aircraft Mishap Response (WFF Based Aircraft & Others)

Requirement:

- a. The Contractor shall respond to aircraft mishaps with at least the capabilities defined in NFPA 403 Aircraft Rescue Fire Fighting (ARFF), 1998 for the size of the aircraft requiring response. A P-3 is the largest aircraft routinely scheduled for operations at WFF, but larger aircraft are occasionally scheduled to operate at WFF. Sufficient trained staff (NFPA Standard 1003) and ARFF vehicles will be available for size of aircraft scheduled take-off and landings.

Standard: No scheduled take-off or landings will occur without the NFPA 403 required number and type of ARFF resources available. An approved mishap response plan will be used.

- b. The Contractor shall request a variance for any aircraft being scheduled that exceed the ARFF equipment requirements supplied to Contractor.

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Standard: The Contractor will submit variance request within one day of the aircraft being scheduled.

11.9.6 Other Airport Services (IDIQ)

Requirement:

- a. The Contractor shall conduct special surveys and provide special support for operations, such as: tank inspection; emergency battery removal operations; helicopter and aircraft landing and takeoff operations; launch systems; fire suppression actuation; and ground support, including erection of barriers and specialized equipment involving ground vehicles and airborne research when tasked.

Standard: Task(s) performed IAW task order.

- b. The Contractor shall detain vehicles that violate the airfield traffic rules until appropriate citations can be issued. Control tower personnel will identify most traffic violators. Issue citations when authorized. Aircraft pilots without an approved Prior Permission Request will be requested to complete an "Unscheduled Landing Report."

Standard: Operators violating airfield operating rules are detained until appropriate citations or information is obtained.

11.10 Equipment

11.10.1 Maintenance

Requirement:

- a. The Contractor shall provide preventive maintenance on all equipment to avoid significant downtime for any single piece of equipment or apparatus. If significant downtime of a piece of equipment or apparatus occurs, the Contractor shall have systems in place to ensure that all emergency response scenarios can be adequately handled.

Standard: No piece of equipment or apparatus will down for more than 24 hours without a backup system in place.

- b. The Contractor shall perform routine inspections/maintenance of all fire hoses, couplings, nozzles, etc. The Contractor shall also perform routine inspection/maintenance on all fire fighting and emergency response ancillary equipment (such as ropes, ladders, axes, etc.) for proper operation and safe use. The Contractor shall develop a timetable for inspection of ancillary equipment.

Standard: Inspections will be performed in accordance with NFPA standards. The Contractor will provide the government with inspection timetable for approval.

- c. The Contractor shall replace any equipment that does not conform to NFPA standards or that will provide an unsafe condition when used in response to an emergency situation. The Contractor shall notify the government of problems with government furnished equipment that will require replacement. The Contractor shall also develop the procedures for taking equipment out of service for maintenance and replacing equipment.

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Standard: The Contractor will ensure that all equipment is available in order to provide emergency response capabilities outlined in section 11.1.0.

- d. The Contractor shall provide and maintain a log of all equipment inspections. Information that should be contained in the log would include items such as inspection date, piece of equipment inspected, next scheduled inspection date, and results of inspection. The Contractor is not limited to providing just the above information. The equipment inspection log shall be maintained at each Fire Station.

Standard: The Contractor will make entries into inspection logs within 2 days of completion of inspection.

11.10.2 Testing/Calibration

Requirement:

- a. The Contractor shall perform all calibrations on equipment that does not need to be sent out for calibration. The Contractor shall arrange for calibration of equipment that must be done by outside sources and provide means necessary to get equipment to that source. The Contractor shall ensure that equipment is calibrated IAW the manufacturers recommendations. For equipment that is sent out for calibration, the Contractor shall ensure that the piece of equipment will not affect the overall capability to provide emergency services. If the equipment does affect emergency services, then the Contractor shall ensure that adequate measures are in place to replace that piece of equipment while it is out for calibration.

Standard: The Contractor will ensure that 100% of equipment is properly calibrated. The Contractor will send out equipment to outside sources for calibration no later than 1 month of its scheduled calibration date. The Contractor will provide all of the equipment necessary for emergency response at all times.

- b. The Contractor shall develop and maintain a log of equipment that requires calibration, the frequency of calibration, etc. that details when the equipment was last calibrated and when it is expected to be calibrated again. The Contractor shall use some method to note which equipment is considered critical for emergency services and needs to be sent to outside sources for calibration.

Standard: The calibration log shall be maintained and be readily available for government inspection.

- c. In addition to inspections and maintenance, it is necessary to test the functional capability of equipment. The Contractor shall provide for testing of all equipment to ensure proper operation and record results of testing.

Standard: Results will be recorded in a central log and will be available for government inspection.

11.10.3 Personal Gear

Requirement:

- a. The Contractor shall provide appropriate gear for any personnel involved in emergency response scenarios. The Contractor shall ensure that all gear is properly sized, fitted, adjusted, etc. to ensure that the user is not placed in an unsafe condition when using the gear.

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Standard: The Contractor will provide personnel gear in accordance with NFPA 1500.

- b. The Contractor shall provide preventive maintenance on all personal gear such as boots, helmets, breathing apparatus, etc. and ensure that all equipment is safe to use.

Standard: The Contractor will provide maintenance in accordance with NFPA standards.

- c. The Contractor shall provide and maintain a log of all personnel gear issued, tested and maintained for each person responsible for emergency response services. The log should delineate what personnel are assigned based on their expected roles in an emergency situation.

Standard: The personal gear log will be maintained at each station and be made readily available for government inspection.

11.10.4 Other Equipment and Expendable Supplies

Requirement: The Contractor shall provide all other equipment and expendable supplies that are required to fulfill requirements of this SOW.

Standard: The Contractor has sufficient supplies and other equipment to respond to emergencies.

11.11 Carbon Dioxide/FM200 Suppression System

11.11.1 Training Requirements

Introduction: The government will make available the necessary training that explains the hazards involved with the CO2 or FM 200 system, the effects of CO2 or FM 200 on the body, and how to appropriately respond to an emergency involving the CO2 or FM 200 system.

Requirement:

- a. The Contractor shall provide training on the proper operation of all the features of the CO2 or FM 200 suppression system to all personnel that will be involved with the use of the fire suppression system. Personnel are expected to know as a minimum: the sequence of operations for the system, how to zone out individual components of the system, the location of all the cylinders, and how to properly clear trouble alarms through the alarm panel.

Standard: The Contractor will develop standard necessary to determine if personnel have been properly trained and submit to the government for approval.

- b. The Contractor shall provide the time and resources to ensure that all personnel attend the training.

Standard: The Contractor will develop a listing of all personnel whom attended training and provide for government inspection. Any personnel not trained on the system will not be able to perform the tasks associated with the system.

- c. The Contractor shall develop and maintain the protocol for determining that the work environment is safe for entry after a CO2 or FM 200 discharge. The Contractor shall ensure that all emergency response personnel on all shifts are familiar with the protocol.

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Standard: The Contractor will develop protocol and submit to the government for approval.

d. The Contractor shall keep records of any training received with respect to the CO2 or FM 200 system.

Standard: The Contractor will provide the records in a separate binder, clearly marked and readily available, and maintained at each Fire Station.

11.11.2 Response Procedures

Requirement:

a. The Contractor will be responsible for developing the appropriate response procedure in the event of a CO2 or FM 200 discharge. Procedure will be made readily available for all personnel to review on a daily basis. The Contractor will also be responsible for developing the procedure for verification that the working environment is safe for employee return following a discharge of the CO2 or FM 200 system.

Standard: Meets quality, timeliness and documentation requirements.

b. The Contractor shall be responsible for developing the rescue procedures in the event that personnel are trapped under the floor.

Standard: Meets quality, timeliness and documentation requirements

11.12 Project and Other Support

This is specialized support by emergency response trained personnel to support special projects. Examples include:

11.12.1 Hot Pad

Requirement: The Contractor shall assist project personnel in the monitoring of hazardous materials and be prepared for immediate response to protect personnel and property.

Standard: Meets quality, timeliness and documentation requirements.

11.12.2 Launch Support

Requirement: The Contractor shall provide response crews for pre-launch and post-launch hazard control.

Standard: Meets quality, timeliness and documentation requirements.

11.12.3 Other Support (IDIQ)

Requirement: The Contractor shall provide response crews for other projects as directed by the CO.

Standard: Meets quality, timeliness and documentation requirements.

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(j) The Government reserves the right to review the Contractor's purchasing system as set forth in FAR Subpart 44.3.

(k) Paragraphs (d) and (f) of this clause do not apply to the following subcontracts, which were evaluated during negotiations:

"None"

(End of clause)

H.11 Reserved

H.12 LIMITATION OF FUTURE CONTRACTING (1852.209-71) (DEC 1988)

(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5-Organizational Conflicts of Interest.

(a) The nature of this conflict is designing and planning new facilities or facility systems or equipment in which the Contractor has the opportunity to favor its own services or to gain an otherwise competitive advantage

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I-9 52.223-9 Estimate of Percentage of Recovered Material Content for EPA-Designated Products (52.223-9) (Aug 2000)

(a) Definitions. As used in this clause--

"Postconsumer material" means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of "recovered material."

"Recovered material" means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall--

(1) Estimate the percentage of the total recovered material used in contract performance, including, if applicable, the percentage of postconsumer material content; and

(2) Submit this estimate to NASA, Goddard Space Flight Center, Greenbelt, Maryland 20771, ATTN: Code 205, Affirmative Procurement Manager.

(End of clause)

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J.1 LIST OF ATTACHMENTS (GSFC 52.211-101) (OCT 1988)

The following attachments constitute part of this contract:

Attachment	Description	Date	No. of Pages
J-1	Statement of Work	7/26/01	182
J-2	SOW Appendix	7/26/01	59
J-3	Government Property	NA	18
J-4	Safety & Health Plan	4/19/2002	19
J-5	Wage Determinations (WDs)	5/29/00	8
J-6	IDIQ Pricing Schedule	3/25/2003	10
J-7	Definitions	NA	9
J-8	Contract Work Breakdown Structure	5/21/01	9
J-9	Critical Positions	5/21/2001	3
J-10	Security Classification	NA	2
J-11	Transition Plan	5/21/01	4
J-12	Surveillance Plan	9/25/02	4
Most current information on the WIIMS at http://wicccserver/wiims/anonymous.html			

(End of Clause)
(End of Section)

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE(S)

1 of 3

2. AMENDMENT/MODIFICATION NO.
553. EFFECTIVE DATE
See Blk 16c4. REQUISITION/PURCHASE REQ. NO.
See Blk 14 As Applicable

5. PROJECT NO. (If applicable)

6. ISSUED BY

NASA
Goddard Space Flight Center
Wallops Flight Facility
Wallops Island, VA 23337

7. ADMINISTERED BY (If other than Item 6)

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

The Cube Corporation
45665 Willow Pond Plaza
Sterling VA 20164

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9A. AMENDMENT OF SOLICITATION NO.

9b. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER
NO: NAS5-01080

CODE:

FACILITY CODE:

X

10B. DATED (SEE ITEM 13): 07-26-01

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$35,640,739.03

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)**

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

I. The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		BY (Signature of Contracting Officer)	

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$22,021,457.22 By: \$473,244.66 To: \$22,494,701.88

b. The total amount allotted for fee is revised as follows:

From: \$1,281,672.14 By: \$27,543.34 To: \$1,309,215.48

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$11,124,353.32 By: \$61,425.00 To: \$11,185,778.32

b. The total amount allotted for fee is revised as follows:

From: \$647,468.35 By: \$3,575.00 To: \$651,043.35

c. The total amount allotted for payment of cost and fee is as follows:

From: \$35,074,951.03 By: \$565,788.00 To: \$35,640,739.03

Total amount of funds obligated per this modification is \$565,788.00

The period of performance covered by the allotted funding is 09/01/01 through approximately 04/23/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-01751C(1C)	228-029-03-01-02	803/40110(03)	A501	22-2550	\$25,000.00	2
228-01788C(1C)	228-029-04-01-02	803/40110(03)	A501	22-2590	\$375,000.00	3
228-01788D(1C)	228-029-07-01-01	803/40110(03)	A501	22-2590	\$50,000.00	6
290-01935A(1C)	293-010-07-01-21	803/40110(03)	A501	20-2590	\$50,788.00	14

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW &TO</u>
228-01788E(1C)	228-029-04-02-02	803/40110-03	A200	22-2590	\$15,000.00	05-08B-2003
228-01788F(1C)	228-029-04-02-01	803/40110-03	A501	22-2590	\$25,000.00	05-02A-2003
228-01788F(1C)	228-029-04-02-01	803/40110-03	A501	22-2590	\$25,000.00	05-05A-2003

4 . No other changes to the subject contract are made by issuance of this modification .

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE(S) 1 of 3
2. AMENDMENT/MODIFICATION NO. 55	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. See Blk 14 As Applicable	5. PROJECT NO. (If applicable)		
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINISTERED BY (If other than Item 6)		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) The Cube Corporation 45665 Willow Pond Plaza Sterling VA 20164			()	9A. AMENDMENT OF SOLICITATION NO.	
				9b. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO: NAS5-01080	
				10B. DATED (SEE ITEM 13): 07-26-01	
CODE:		FACILITY CODE:			

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [] is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or a amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) PC/BNC: BX/GFG

TOTAL ESTIMATED COST: \$84,078,060.00 TOTAL CONTRACT FUNDING: \$35,640,739.03

**13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

()	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 42.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Unilateral 52.232-22 Limitation of Funds (APR 1984)

E. IMPORTANT: Contractor [X] is not, [] is required to sign this document and return _____ copies to be issued office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject mater where feasible.)

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

- The purpose of this modification is to provide incremental funding for the subject contract.

(Continued on page 2)

15A. NAME AND TITLED OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Pamela J. Taylor	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

Block 14 DESCRIPTION (Continued)

2. Under Clause B.9 CONTRACT FUNDING (NFS 1852.232-81) revise contract funding as follows:

BASELINE:

a. The total amount allotted for payment of cost is revised as follows:

From: \$22,494,701.88 By: \$113,400 To: \$

b. The total amount allotted for fee is revised as follows:

From: \$1,309,215.48 By: \$6,600.00 To: \$

IDIQ:

a. The total amount allotted for payment of cost is revised as follows:

From: \$11,185,778.32 By: \$451,678.63 To: \$

b. The total amount allotted for fee is revised as follows:

From: \$651,043.35 By: \$26,288.1800 To: \$

c. The total amount allotted for payment of cost and fee is as follows:

From: \$35,640,739.03 By: \$597,966.81 To: \$

Total amount of funds obligated per this modification is \$597,966.81

The period of performance covered by the allotted funding is 09/01/01 through approximately 04/23/2003.

3. ACCOUNTING AND APPROPRIATION DATA

OBLIGATE

Incremental Funding

Baseline:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
200-01014-002A(1C)204-771-50-00-23		803/40110-03	A585	22-2550	\$120,000.00	3

IDIQ:

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>SOW & TO</u>
228-01753F(1C)	228-029-03-01-03	803/40110(03)	A501	22-2590	\$2,106.00	02-31-2003
228-01752H(1C)	228-029-05-01-02	803/40110-03	A701	22-2590	\$36,608.00	4-52-2003
228-01753E(1C)	228-029-03-01-03	803/40110-03	A501	22-2590	\$1,162.00	02-06-2003
228-01753E(1C)	228-029-03-01-03	803/40110-03	A501	22-2590	\$37.00	2-12-2002
228-01753E(1C)	228-029-03-01-03	803/40110-03	A501	22-2590	\$160.00	2-20-2003
228-01753E(1C)	228-029-03-01-03	803/40110-03	A501	22-2590	\$1.00	2-49-2002
228-01760B(1C)	228-029-05-01-04	803/40110-03	A701	22-2590	\$60,000.00	04-63-2003
228-01740D(1C)	228-4868-1-37-01	801/30112-01		22-2550	\$148.00	4-21-2003
972-14887A(1C)	971-622-47-11-05	803/40110(03)	A501	97-2550	\$1,500.00	04-09A-2003
972-14888A(1C)	972-621-15-70-01	802/30110(02)	A501	97-2550	\$10,000.00	04-11A-2003
972-14888B(1C)	972-621-15-70-03	802/30110(02)	A501	97-2550	\$2,000.00	04-11A-2003
228-01752G(1C)	228-029-05-01-02	803/40110-03	A701	22-2590	\$12,674.00	2-29-2003
228-01757C(1C)	228-5354-3-44-01	80X0112-03		22-2550	\$26,692.00	2-25-2003
205-01340A(1C)	205-020-09-02-12	803/40110(03)	A501	20-2590	\$25,000.00	10-09-2003
840-11262A(1C)	810-879-85-61-03	803/40110(03)	A501	81-2550	\$10,000.00	08-12-2003
840-11260A(1C)	846-622-91-10-05	803/40110(03)	A501	84-2590	\$8,000.00	04-32-2003
840-11260A(1C)	846-622-91-10-05	803/40110(03)	A501	84-2590	\$5,932.00	11-01-2003
840-11260A(1C)	846-622-91-10-05	803/40110(03)	A501	84-2590	\$1,000.00	15-06-2003
200-01031A(1C)	204-771-51-60-23	803/40110-03	A585	22-2550	\$13,277.41	04-11-2002
228-01760A(1C)	228-029-05-01-04	803/40110-03	A701	22-2590	\$16,334.00	4-62-2003
228-01759A(1C)	228-029-05-01-09	803/40110-03	A701	22-2590	\$8,515.00	4-49-2003
810-11027A(1C)	810-879-85-53-02	803/40110(03)	A200	81-2590	\$2,000.00	4-30-2003
830-11216A(1C)	830-606-12-02-01	803/40110	A501	83-2590	\$26,238.38	04-62-2003
228-01788B(1C)	228-029-04-01-03	803/40110-03	A200	22-2616	\$5,500.00	8-10-2003
228-01788A(1C)	228-029-04-02-02	803/40110-03	A200	22-2590	\$25,000.00	05-08-2003
200-01030A(1C)	204-771-51-85-23	803/40110-03	A585	22-2550	\$143,000.00	10-08-2003
200-01214A(1C)	204-771-50-06-22	803/40110-03	A200	20-2550	\$660.00	2-23-2003
200-01214B(1C)	204-771-51-92-22	803/40110-03	A200	20-2550	\$75,000.00	10-05-2003
820-11173A(1C)	820-353-87-01-10	803/40110(03)	A504	82-2590	\$11,548.00	04-58-2003

DEOBLIGATION

<u>PCN</u>	<u>JON</u>	<u>APP</u>	<u>BLI</u>	<u>OC</u>	<u>AMOUNT</u>	<u>TO</u>	<u>MOD</u>
228-51610F(2P)	228-4962-2-39-01	802/40112-02		22-2550	\$5,000.00	4-26-2003	25
830-60800A(2P)	830-992-00-01-42	802/30110-02	A501	2623	\$451.67	4-18-2002	13
830-60792A(2P)	830-992-00-01-42	802/30110-02	A501	2623	\$2,631.08	4-02-2002	30
830-60790A(2P)	830-992-35-01-01	802/30110-02	A300	2623	\$10,000.00	05-03-2001	7
830-60790A(2P)	830-992-35-01-01	802/30110-02	A300	2623	\$32,614.83	04-02-2001	7
830-10392A(2P)	840-992-35-01-01	802/30110-02	A300	2590	\$1428.40	05-03-2001	3

4. No other changes to the subject contract are made by issuance of this modification.